PTO/SB/08A (10/01) (Substitute for form 1449A/PTO)	ATTY. DOCKET NO. COVA0003 DIV Client/Matter No. 90337.0006.001	APPLICATION NO.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FIRST NAMED INVENTOR Klaus Dimmler, Alfred P. Gnadinger		
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U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document No. No. – Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Doc	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
P		US-3,832,700	08/27/1974	Wu et al.	
i		US-4,860,254	08/22/1989	Pott et al.	
		US-5,060,191	10/22/1991	Nagasaki et al.	
		US-5,070,385	12/03/1991	Evans Jr. et al.	
		US-5,307,305	04/26/1994	Takasu	
\top		US-5,345,414	09/06/1994	Nakamura	
		US-5,541,871	07/30/1996	Nishimura et al.	
		US-5,541,873	07/30/1996	Nishimura et al.	·
		US-5,563,081	10/08/1996	Ozawa	
		US-5,578,846	11/26/1996	Evans, Jr. et al.	
		US-5,621,681	04/15/1997	Moon	
		US-5,623,439	04/22/1997	Gotoh et al.	
		US-5,744,374	04/28/1998	Moon	
		US-5,768,185	06/16/1998	Nakamura et al.	
		US-5,822,239	10/13/1998	Ishihara et al.	
		US-6,236,076	05/22/2001	Arita et al.	·
		US-6,246,602	06/12/2001	Nishimura	
		US-6,285,577	09/04/2001	Nakamura	
		US-6,335,550	01/01/2002	Miyoshi et al.	
		US-6,339,238	01/15/2002	Lim et al.	
		US-5,198,994	03/30/1993	Natori	
		US-5,302,842	04/12/1994	Chan	
		US-5,946,224	08/31/1999	Nishimura	
		US-6,069,381	05/30/2000	Black et al.	
		US-6,067,244	05/23/2000	Ma et al.	
		US-5,962,884	10/05/1999	Hsu et al.	
		US-6,144,579	11/07/2000	Taira	
N		US-6,087,688	07/11/2000	Furuta et al.	

APPLICATION NO. PTO/SB/08A (10/01) ATTY. DOCKET NO. COVA0003 DIV Cilent/Matter No. 90337.0006.001 (Substitute for form 1449A/PTO) FIRST NAMED INVENTOR INFORMATION DISCLOSURE Klaus Dimmler, Alfred P. Gnadinger STATEMENT BY APPLICANT **FILING DATE ART UNIT** (Use several sheets if necessary) Herewith _ of __5_ **U.S. PATENT DOCUMENTS** 11/21/2000 US-6,151,241 Hayashi et al. 10/30/2001 US-6,310,373 Azuma et al. US-6,225,654 05/01/2001 Evans, Jr. et al. US-6,091,621 07/18/2000 Wang et al. US-5,146,299 09/08/1992 Lampe et al. US-5,378,905 01/03/1995 Nakamura 05/07/1996 Mihara US-5,515,311 US-5,998,819 12/07/1999 Yokoyama et al. 10/23/2001 US-6,307,225 Kijima et al. US-5,541,870 07/30/1996 Mihara et al. US-5,418,389 05/23/1995 Watanabe US-5,877,977 03/02/1999 Essaian US-6,319,542 11/20/01 Summerfelt et al. US-6,245,451 06/12/01 Kamisawa et al. Summerfelt et al. 03/26/02 US-6,362,068 US-5,887,117 03/23/99 Desu et al. US-6.396.095 05/28/2002 Shimada et al. 05/28/2002 Us-6,396,093 Nakamura 04/16/2002 US-6,373,743 Chen et al. 04/16/2002 Nasu et al. US-6.372.518 04/09/2002 Chen et al. US-6,370,056 US-6,365,927 04/02/2002 Cuchiaro et al. US-6,326,315 12/04/2001 Uchiyama et al. US-6,322,849 11/27/2001 Joshi et al. US-6,255,121 07/03/2001 Arita et al. US-6,245,580 06/12/2001 Solayappan et al. US-6,225,656 05/01/2001 Cuchiaro et al.

05/01/2001

03/27/2001

03/13/2001

02/27/2001

US-6,225,156 US-6,207,465

US-6,201,731

US-6,194,751

Cuchiaro et al.

Cuchiaro et al.

Kamp et al. Evans, Jr. PTO/SB/08A (10/01)
(Substitute for form 1449A/PTO)

INFORMATION DISCLOSURE
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FIRST NAMED INVENTOR
Klaus Dimmler, Alfred P. Gnadinger

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ART UNIT

U.S. PATENT DOCUMENTS

Sheet __3__ of __5__

	•	U.S. PATE	NI DOCUMENIS
LP	US-6,171,934	01/09/2001	Joshi et al.
	US-6,165,802	12/26/2000	Cuchiaro et al.
	US-6,151,242	11/21/2000	Takashima
	US-6,150,184	11/21/2000	Evans et al.
	US-6,147,895	11/14/2000	Kamp
	US-6,140,672	10/31/2000	Arita et al.
	US-6,121,648	09/19/2000	Evans, Jr.
	US-6,066,868	05/23/2000	Evans, Jr.
	US-6,031,754	02/29/2000	Derbenwick et al.
	US-6,027,947	02/22/2000	Evans et al.
	US-6,025,735	02/15/2000	Gardner et al.
	US-5,977,577	11/02/1999	Evans, Jr.
	US-5,953,061	09/14/1999	Biegelsen et al.
	US-5,872,739	02/16/1999	Womack
	US-5,825,317	10/20/1998	Anderson et al.
	US-5,808,676	09/15/1998	Biegelsen et al.
	US-5,789,775	08/04/1998	Evans, Jr. et al.
	US-5,757,042	05/26/1998	Evans, Jr. et al.
	US-5,559,733	09/24/1996	McMillan et al.
	US-5,536,672	07/16/1996	Miller et al.
	US-5,523,964	06/04/1996	McMillan et al.
	US-5,519,235	05/21/1996	Ramesh
	US-5,479,317	12/26/1995	Ramesh
	US-5,434,811	07/18/1995	Evans, Jr., et al.
	US-5,384,729	01/24/1995	Sameshima
	US-5,365,094	11/15/1994	Takasu
	US-5,227,855	07/13/1993	Momose
	US-5,046,043	09/03/1991	Miller et al.
	US-6,307,225	10/23/2001	Kijima et al.
	US-5,955,213	09/21/1999	Yano et al.
	US-5,919,515	07/06/1999	Yano et al.
V	US-6,256,220	07/03/2001	Kamp

PTO/SB/08A (•		ATTY. DOCKET NO. COVAD		APPLICATION	NO.	.]	
(Substitute for form 1449A/PTO)		Client/Matter No. 90337.0006.001							
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FIRST NAMED INVENTOR Klaus Dimmler, Alfred P. Gnadinger							
	(Use sev	veral sheets if necessary)		FILING DATE	_	ART UNIT		1	
	Shee	et4 of5		Herewith					
		*	U.S. PATEN	T DOCUMENTS					
LP		US-5,886,920	03/23/1999	Marshall et al.					
1		US-6,104,049	08/15/2000	Solayappan et al.	Figure 1				
		US-5,739,563	04/14/1998	Kawakubo et al.	Figures 1	I-4F			
		US-6,130,103	10/10/2000	Cuchiaro et al.	Entire do	Entire document			
		US-6,358,758	03/19/2002	Arita et al.	Entire do	cument			
		US-5,736,759	04/07/1998	Haushalter	Entire do	Entire document			
		US-6,469,334	10/22/2002	Arita et al.	Figure 1				
		US-2002/0083959 A1	07/04/2002	Morita et al.	Paragrap	hs 108-134			
		US-5,780,886	07/14/1998	Yamanobe et al.	Figures 1	(A)-4(C)			
		US-5,959,879	09/28/1999	Коо	Figures 2-4				
		US-5,858,533	01/12/1999	Greuter et al.					
		US-		·					
		US-							
		US-							
		US-							
		US-							
			FOREIGN PAT	ENT DOCUMENTS	·				
Examiner Initials	Cite No.	Foreign Patent Doc cntry code - No Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Doc	Where Rele	olumns. Lines evant Passages vant Figures ppear	TRANSL	ATION	
11		JP 408055919 A	02/27/1996	Ogimoto et al.			YES	NO	
18		WO98/98/13300	02/04/1998	Kawamura					
					<u> </u>		<u></u>		
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS									
Examiner Initials	Cite No.	symposium, o	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher, city and/or country where published						
LD		39, September 2000, pp	TOKUMITSU, EISUKE et al, "Characterization of MF(M)IS structures using P(L)ZT and Y ₂ O ₃ films", Jpn. J. of Appl.Phys., Vol 39, September 2000, pp. 5456-5459.						
		TOKUMITSU, EISUKE et al, "Preparation of STN films by the sol-gel method for ferroelectric gate structures", IMF-10 Madrid/Spain (2001), pp. 105-110.							

PTO/SB/08A (10/01) (Substitute for form 1449A/PTO) INFORMATION DISCLOSURE STATEMENT BY APPLICANT		ATTY. DOCKET NO. COVA0003 DIN Client/Matter No. 90337.0006.001	1			
		FIRST NAMED INVENTOR Klaus Dimmler, Alfred P. Gnadinger				
(Use several sheets if necessary)		FILING DATE Herewith	ART UNIT			
	Sheet5 of5					
	OTHER PRIOR ART - NON	PATENT LITERATURE DOCUM	ENTS			
28	roelectric SBT film and STO/SiON buffer					
SHIN, CHANG HO et al, "Fabrication and characterization of MFIS FET using A12O3 insulating layer for nonvolatile mem ISIF 2001, 9 pages.						
	LEE, HO NYUNG et al., "CV characteristics of Pt/SBT/CeO ₂ /Si structure for non volatile memory devices", ISIF, 4 pages.					
	CHOI, HOON SANG et al, "Crystal Structure and electrical properties of Pt/SBT/ZrO ₂ /Si", J. of Korean Phys. Soc., vol. 39, No. 1, July 2001, pp. 179-183.					
	L1, W.P. et al, "Improvement of MFS structures without buffer layers between Si and ferroelectric film", Applied Physics A, Springer (2000), pp. 85-87.					
	HAN, JIN-PING et al, "Memory effects of SBT capacitors on silicon with silicon nitride buffer", Integrated Ferroelectrics, 1998, Vol. 22, pp.213-221.					
	MILLER, S.L. and MCWHORTER, P.J., "Device Physics of the ferroelectric memory field effect transistor", ISIF June 1992, pp. 5999-6010.					
	KALKUR, T.S., "Characteristics of MFS capacitors and MFSFETs with BaMgF4 gate dielectrics", ISIF 1992, I page.					
	WU, S.Y., IEEE Trans.Electron Devices ED 21, 499 (1974). An excellent review article referencing the same work was published in 1992 by SINHAROY, S. et al, "Integration of ferroelectric thin films into nonvolatile memories", J. Vac.Sci.Technol.A 10(4), Jul/Aug 1992, pp. 1554-1561.					
	CHUNG, ILSUB et al., "Data Retention: Fabrication and characterization of MFISFET using CMOS process for single transistor memory applications", Integrated Ferroelectrics, 1999, Vol. 27, pp. 31-39.					
	MILLER, S.L. and MCWHORTER, P.J., "Theoretical investigation of a ferroelectric transistor: Physics of the ferroelectric nonvolatile memory field effect transistor", J. Appl.Phys. 72 (12), September 9, 1992, pp. 5999-6010.					
	SMYTH, D.M., "Charge Motion in ferroelectric thin films", Ferroelectrics, Vol.116, pp. 117-124 (1991), pp. 117-124.					
	WU, S.Y. "A ferroelectric memory device, Metal-Ferroelectric-Semiconductor Transistor", IEEE Trans. Electron Devices, vol. ED-21, no. 8, August 1994, pp. 499-504.					
	MOŞHNAYAGA, V. et. al., "Preparation of rare-earth manganite-oxide thin films by metalorganic aerosol deposition technique", Appl. Phys. Lett., vol. 74, no. 19, pp 2842-2844 (1998).					
KIM, KWANG-HO, "Metal-Ferroelectric – Semiconductor (MFS) FET's using LiNbO3/Si (100) Structures for nonvolatile memory applications", IEEE Electron Device Letters, Vol. 19, No. 6, pp. 204-206 (June 1998).						
EXAMINER SIGNATURE / ONG Pham DATE CONSIDERED JOLOY						
	Il if citation considered, whether or not citation is	in conformance with MPEP 609; Dra	w line through citation if not in			